Contents

Marine Geology Volume 112, 1993

Letter Section

Yangtze delta, eastern China: 1. Geometry and subsidence of Holocene depocenter
D.J. Stanley and Z. Chen 1
Yangtze delta, eastern China: 2. Late Quaternary subsidence and deformation
Z. Chen and D.J. Stanley 13

Research Papers

Transport of carbonate sediment in the western North Atlantic: Evidence from oxygen and carbon isotopes
W.L. Balsam and D. Williams 23
Surficial cool-water carbonate sediments on the Otway continental margin, southeastern Australia
T. Boreen, N. James, C. Wilson and D. Heggie 35
Organic matter composition and sulfate reduction intensity in Oman Margin sediments
E. Lallier-Vergès, P. Bertrand and A. Desprairies 57
Late Quaternary hemipelagic carbonate oozes on the southwestern Balearic slope (western Mediterranean)
A. Vazquez and I. Zamarreño 71
Sedimentary mechanisms and underlying tectonic structures of the northwestern Mediterranean margin, as revealed by comprehensive bathymetric and seismic surveys
G. Bellaiche 89
Chronology of Tertiary fan deposits off the western Barents Sea: Implications for the uplift and erosion history of the Barents Shelf
T. Eidvin, E. Jansen and F. Riis 109
Submarine geology and post-opening tectonic movements in the southern region of the Sea of Japan
H. Yamamoto 133
Continental slope processes off northern Israel and southernmost Lebanon and their relation to onshore tectonics
G. Almagor 151
Gas-charged sediments in the Aegean and Ionian Seas, Greece
G. Papatheodorou, T. Hasiotis and G. Ferentinos 171
Late Wisconsinan and Holocene depositional history, northeastern Gulf of Mexico
J.F. Donoghue 185
Acoustic imaging of sea-bed geometry: A High Resolution Remote Tracking Sonar (HRRTS II)
B. Greenwood, R.G. Richards and R.W. Brander 207
Tidal circulation pattern on a tidal flat, Minas Basin, Canada
G.M.E. Perillo, G. Drapeau, M. Cintia Piccolo and N. Chaouq 219
Sedimentation in the cliff-bound, microtidal Mtamvuna Estuary, South Africa
J.A.G. Cooper 237
Suspended sediments in the southeastern Gulf of Mexico
A. Carranza-Edwards, L. Rosales-Hoz and A. Monreal-Gómez 257
Petrographic investigations of seafloor sediments from the Kita–Bayonnaise submarine caldera, Shichito–Iwojima Ridge, Izu–Ogasawara Arc, northwestern Pacific
K. Iizasa 271
Depositional environments of Cretaceous radiolarian cherts from Andaman–Nicobar Islands, northeastern Indian Ocean
S.H. Jafri, V. Balaram and P.K. Govil 291
Rare earth element distribution and behaviour in buried manganese nodules from the Central Indian Basin
J.N. Pattan and V.K. Banakar 303
Influences of Holocene sea level, regional tectonics, and fluvial, gravity and slope currents induced sedimentation on the regional geomorphology of the continental slope off northwestern India
O.S. Chauhan and F. Almeida 313
Subsurface Precambrian ridge on the continental shelf of western India between Coondapoor and Kasaragod
V. Subrahmanyam, M. Gangadhara Rao and L.V. Subba Raju 329
Spreading history of the Arabian Sea: Some new constraints
A.K. Chaubey, G.C. Bhattacharya, G.P.S. Murty and M. Desa 343
Identification of Early Cretaceous magnetic lineations in the northwestern part of the Gulf of Oman
M.M. Khattab 353

Book Reviews

Ocean Margin Processes in Global Change by R.F.C. Mantoura, J.-M. Martin and R. Wollast — E.K. Duursma 363
Encyclopedia of Marine Sciences by J.G. Baretta-Bekker, E.K. Duursma and B.K. Kuipers — K. Kremling 364